



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Methods and compositions for synthesis of nucleic acid molecules using multiple recognition sites						
<p>Application Number: 10/005876</p> <p>Confirmation Number: 7958</p> <p>First Named Applicant: Jonathan Chesnut</p> <p>Attorney Docket Number: 0942.5340002</p> <p>Search string: (5929307 or 5962255 or 5981177 or 5989872 or 6010884 or 6040430 or 6063627 or 6080576 or 6143557 or 6171861 or 6225121 or 6262341 or 6270969 or 6271436 or 6277608 or 6361972 or 6365377 or 6410266 or 6410317 or 6436707 or 20030027337 or 20020007051 or 20020068290).pn.</p>							
<p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5929307	1999-07-27	Hodges et al.			
<input type="checkbox"/>	2	5962255	1999-10-05	Griffiths et al.			
<input type="checkbox"/>	3	5981177	1999-11-09	Demirjian et al.			
<input type="checkbox"/>	4	5989872	1999-11-23	Luo et al.			
<input type="checkbox"/>	5	6010884	2000-01-04	Griffiths et al.			
<input type="checkbox"/>	6	6040430	2000-03-21	Stewart			
<input type="checkbox"/>	7	6063627	2000-05-16	McVey et al.			
<input type="checkbox"/>	8	6080576	2000-06-27	Zambrowicz et al.			
<input type="checkbox"/>	9	6143557	2000-11-07	Hartley, J.L. et al.			
<input type="checkbox"/>	10	6171861	2001-01-09	Hartley et al.			
<input type="checkbox"/>	11	6225121	2001-05-01	Savakis, C. et al.			
<input type="checkbox"/>	12	6262341	2001-07-17	Baszczynski et al.	B1		
<input type="checkbox"/>	13	6270969	2001-08-07	Hartley et al.	B1		
<input type="checkbox"/>	14	6271436	2001-08-07	Piedrahita et al.	B1		
<input type="checkbox"/>	15	6277608	2001-08-21	Hartley et al.	B1		

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<input checked="" type="checkbox"/>	16	6361972	2002-03-26	Harrington et al.	
<input checked="" type="checkbox"/>	17	6365377	2002-04-02	Patten et al.	B1
<input checked="" type="checkbox"/>	18	6410266	2002-06-25	Harrington et al.	
<input checked="" type="checkbox"/>	19	6410317	2002-06-25	Farmer, A.F.	B1
<input checked="" type="checkbox"/>	20	6436707	2002-08-20	Zambrowicz et al.	

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	20030027337	2003-02-06	Droge et al.			
<input checked="" type="checkbox"/>	2	20020007051	2002-01-17	Cheo et al.	A1		
<input checked="" type="checkbox"/>	3	20020068290	2002-06-06	Yarovinsky	A1		

Signature

Examiner Name	Date



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Stylesheet Version v18.0

Title of Invention

Methods and compositions for synthesis of nucleic acid
molecules using multiple recognition sites

Application Number: 10/005876
Confirmation Number: 7958
First Named Applicant: Jonathan Chesnut
Attorney Docket Number: 0942.5340002

Search string: (4673640 or 4683195 or 4683202 or 4743546
or 4959317 or 4965188 or 5093257 or 5102797
or 5159062 or 5227288 or 5286632 or 5334375
or 5334575 or 5348886 or 5354668 or 5378618
or 5434066 or 5470727 or 5527695 or 5591609
or 5605793 or 5614389 or 5635381 or 5650308
or 5650557 or 5658772 or 5677170 or 5677177
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or 5871907 or 5874259 or 5888732 or 5916804
or 5919676 or 5928914).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	4673640	1987-06-16	Backman, K.C.			
<input checked="" type="checkbox"/>	2	4683195	1987-07-28	Mullis et al.			
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<input checked="" type="checkbox"/>	4	4743546	1988-05-10	Backman et al.			
<input checked="" type="checkbox"/>	5	4959317	1990-09-25	Sauer B.L.			
<input checked="" type="checkbox"/>	6	4965188	1990-10-23	Mullis et al.			
<input checked="" type="checkbox"/>	7	5093257	1992-03-03	Gray, G.L.			
<input checked="" type="checkbox"/>	8	5102797	1992-04-07	Tucker et al.			
<input checked="" type="checkbox"/>	9	5159062	1992-10-27	Knapp et al.			
<input checked="" type="checkbox"/>	10	5227288	1993-07-13	Blattner, F.R.			
<input checked="" type="checkbox"/>	11	5286632	1994-02-15	Jones, D.H.			

12	5334375	1994-08-02	Nabi et al.
13	5334575	1994-08-02	Noonan et al.
14	5348886	1994-09-20	Lee et al.
15	5354668	1994-10-11	Auerbach, J.I.
16	5378618	1995-01-03	Sternberg et al.
17	5434066	1995-07-18	Bebee, R.L., et al.
18	5470727	1995-11-28	Mascarenhas et al.
19	5527695	1996-06-18	Hodges et al.
20	5591609	1997-01-07	Auerbach, J.I.
21	5605793	1997-02-25	Stemmer, W.P.C.
22	5614389	1997-03-25	Auerbach, J.I.
23	5635381	1997-06-03	Hooykaas et al.
24	5650308	1997-07-22	Baum, J.A.
25	5650557	1997-07-22	Hannah et al.
26	5658772	1997-08-19	Odell et al.
27	5677170	1997-10-14	Devine et al.
28	5677177	1997-10-14	Wahl et al.
29	5710248	1998-01-20	Grose, C.F.
30	5723765	1998-03-03	Oliver et al.
31	5728551	1998-03-17	Devine et al.
32	5733733	1998-03-31	Auerbach, J.I.
33	5733743	1998-03-31	Johnson et al.
34	5744336	1998-04-28	Hodges et al.
35	5766891	1998-06-16	Shuman, S.
36	5776449	1998-07-07	Baum et al.
37	5801030	1998-09-01	McVey et al.
38	5814300	1998-09-29	Scott et al.
39	5830707	1998-11-03	Bushman, F.D.
40	5837242	1998-11-17	Holliger et al.
41	5837458	1998-11-17	Minshull et al.
42	5843772	1998-12-01	Devine, S.E., et al.
43	5851808	1998-12-22	Elledge et al.
44	5858657	1999-01-12	Winter et al.
45	5871907	1999-02-16	Winter et al.
46	5874259	1999-02-23	Szybalski, W.
47	5888732	1999-03-30	Hartley et al.

<input checked="" type="checkbox"/>	48	5916804	1999-06-29	Bushman, F.D.
<input type="checkbox"/>	49	5919676	1999-07-06	Graham et al.
<input type="checkbox"/>	50	5928914	1999-07-27	Leboulch et al.

Signature

Examiner Name	Date
<i>J. KETTER</i>	<i>1/8/04</i>



FORM PTO-1449

ATTY. DOCKET NO.
0942.5340002/RWE/BJD/JKMAPPLICATION NO.
10/005,876SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAPPLICANT
CHESNUT *et al.*FILING DATE
December 7, 2001GROUP
1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7					
	AB7					
	AC7					
	AD7					
	AE7					
	AF7					
	AG7					
	AH7	4,626,505	12/02/1985	Falco	435	172.3
	AI7					
	AJ7					
	AK7					

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL					Yes No
	AM9	WO 96/40722	12/19/1996	WIPO		Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	102	
AS	102	
AT	102	Barnes, G., and Rine, J., "Regulated expression of endonuclease EcoRI in <i>Saccharomyces cerevisiae</i> : Nuclear entry and biological consequences," <i>Proc. Natl. Acad. Sci. USA</i> 82: 1354-1358, National Academy of Sciences (1985).

EXAMINER

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	103	Brent, R., and Plashna, M., "A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene," <i>Nature</i> 312: 612-615, Macmillan Journals Ltd. (1984).
	AS	103	Cormack, B., "Directed Mutagenesis Using the Polymerase Chain Reaction," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc., New York, NY, pp. 8.5.1-8.5.10 (1997).
	AT	103	Enquist, L.W., and Weisberg, R.A., "The Red Plaque Test: A Rapid Method for Identification of Excision Defective Variants of Bacteriophage Lambda," <i>Virology</i> 72: 147-153, Academic Press, Inc. (1976).

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	AA					
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

AR	104	Feinbaum, R., "Vectors Derived from Plasmids," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F. M., <i>et al.</i> , eds., John Wiley & Sons, Inc., New York, NY, pp.1.5.1-1.5.17 (1998).
AS	104	Iino, T., and Kutsukake, K., "Trans-acting Genes of Bacteriophages P1 and Mu Mediate Inversion of a Specific DNA Segment Involved in Flagellar Phase Variation of <i>Salmonella</i> ," <i>Cold Spring Harbor Symposia on Quantitative Biology</i> 45: 11-16, Cold Spring Harbor Laboratory (1981).
AT	104	Johnson, R.C., <i>et al.</i> , "Isolation of the gene encoding the Hin recombinational enhancer binding protein," <i>Proc. Natl. Acad. Sci. USA</i> 85:3484-3488, National Academy of Sciences (1988).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	105	Klippel, A. <i>et al.</i> , "Isolation and characterization of unusual <i>gin</i> mutants," <i>The EMBO Journal</i> 7: 3983-3989, IRL Press Inc. (1988).
AS	105	Koch, C., <i>et al.</i> , "Escherichia coli host factor for site-specific DNA inversion: Cloning and characterization of the <i>fts</i> gene," <i>Proc. Natl. Acad. Sci. USA</i> 85:4237-4241, National Academy of Sciences (1988).
AT	105	Langeveld, S.A. <i>et al.</i> , "Expression of an <i>Escherichia coli</i> <i>phr</i> gene in the yeast <i>Saccharomyces cerevisiae</i> ," <i>Mol. Gen. Genet.</i> 199: 396-400, Springer-Verlag (1985).

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J. KETTER

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11/8/04

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	106	Miller, H.I. <i>et al.</i> , "Int-h: an int Mutation of Phage λ That Enhances Site-Specific Recombination," <i>Cell</i> 20: 721-729, MIT (1980).
AS	106	Okayama, H., and Berg, P., "Bacteriophage Lambda Vector for Transducing a cDNA Clone Library into Mammalian Cells," <i>Molecular and Cellular Biology</i> 5: 1136-1142, American Society for Microbiology (1985).
AT	106	Osuna, R., <i>et al.</i> , "Identification of two functional regions in Fis: the N-terminus is required to promote Hin-mediated DNA inversion by not 1 excision," <i>EMBO J.</i> 10:1593-1603, Oxford University Press (1991).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
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OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AR	107	Sambrook, J., <i>et al.</i> , <i>Molecular Cloning: A Laboratory Manual</i> , 2nd ed., Cold Spring Harbor Laboratory Press, New York, NY, pp. 16.6-16.8, (1989).
	AS	107	Sauer, B., "Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System," <i>J. Cell. Bio. Chem. Supp.</i> 10(b): 242 (1340), Alan R. Liss, Inc. (1986).
	AT	107	Sauer, B., and Henderson, N., "Site-specific DNA recombination in mammalian cells by the Cre recombinase of bacteriophage P1," <i>Proc. Natl. Acad. Sci. USA</i> 85: 5166-5170, National Academy of Sciences (1988).

EXAMINER

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1/8/04

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	AM						Yes No
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OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AR	108	Stryer, L., "The DNA Template Contains Stop Signals for transcription," in <i>Biochemistry</i> , 2nd ed., W.H. Freeman and Co., New York, NY, p. 610 (1981).
	AS	108	Vetter, D. <i>et al.</i> , "Site-specific recombination of yeast 2- μ m DNA <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 80:7284-7288, National Academy of Sciences (1983).
	AT	108	

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0942.5430002/RWE/RJD/JKM APPLICANT Chesnut et al. FILING DATE December 7, 2001		APPLICATION NO. 10/005,876 GROUP 1645	
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FOREIGN PATENT DOCUMENTS							
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	ALI	EP 0 160 571	11/06/1985	Europe		Yes No	
	AMI	EP 0 220 009	04/29/1987	Europe		Yes No	
	ANI	EP 0 300 422	01/25/1989	Europe		Yes No	
	AOI	WO 90/11375	10/04/1990	WIPO		Yes No	
	API	WO 91/02801	03/07/1991	WIPO		Yes No	

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	1	Abremski, K., and Gottesman, S., "Purification of the Bacteriophage λ <i>xis</i> Gene Product Required for λ Exclusive Recombination," <i>J. Biol. Chem.</i> 257:9658-9662, The American Society of Biological Chemists (1982).				
	AS	1	Abremski, K., and Hoess, R., "Bacteriophage P1 Site-specific Recombination. Purification and Properties of the Cre Recombinase Protein," <i>J. Biol. Chem.</i> 259:1509-1514, The American Society of Biological Chemists (1984).				
	AT	1	Abremski, K., et al., "Bacteriophage P1 Cre-loxP Site-specific Recombination. Site-specific DNA Topoisomerase Activity of the Cre Recombination Protein," <i>J. Biol. Chem.</i> 261:391-396, The American Society of Biological Chemists (1986).				

EXAMINER	DATE CONSIDERED 1/8/04
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	APPLICANT Chesnut et al.	
	FILING DATE December 7, 2001	GROUP 1645

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
M	AL2	EP 0 427 074	05/15/1991	Europe			Yes No
	AM2	WO 91/09957	07/11/1991	WIPO			Yes No
	AN2	WO 91/16427	10/31/1991	WIPO			Yes No
	AO2	WO 92/15694	09/17/1992	WIPO			Yes No
	AP2	WO 92/20791	11/26/1992	WIPO			Yes No

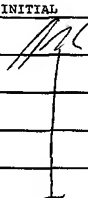
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

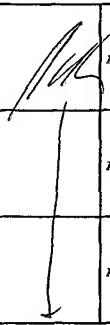
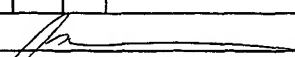
M	AR	2	Abremski, K., et al., "Studies on the Properties of P1 Site-Specific Recombination: Evidence for Topologically Unlinked Products Following Recombination," Cell 32:1301-1311, The MIT Press (1993).
	AS	2	Adams, D.E., et al., "Cre-lox Recombination in Escherichia coli Cells. Mechanistic Differences from the in Vitro Reaction," J. Mol. Biol. 226:661-673, Academic Press (1992).
	AT	2	Akagi, K., et al., "Cre-mediated somatic site-specific recombination in mice," Nucl. Acids Res. 25:1781-1788, Oxford University Press (1997).

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	FILING DATE December 7, 2001	GROUP 1645

U.S. PATENT DOCUMENTS							
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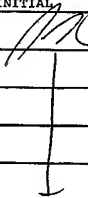
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	AM3	EP 0 542 466	05/19/1993	Europe			Yes No
	AN3	WO 93/15191	08/05/1993	WIPO			Yes No
	AO3	WO 93/19172	09/30/1993	WIPO			Yes No
	AP3	WO 94/03624	02/17/1994	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	3	Aladjem, M.I., et al., "Positive Selection of FLP-Mediated Unequal Sister Chromatid Exchange Products in Mammalian Cells," Mol. Cell. Biol. 17:857-861, American Society for Microbiology (1997).				
	AS	3	Albert, H., et al., "Site-specific integration of DNA into wild-type and mutant lox sites placed in the plant genome," Plant J. 7:649-659, Blackwell Science Ltd. (1995).				
	AT	3	Andrews, B.J., et al., "Interaction of the FLP Recombinase of the <i>Saccharomyces cerevisiae</i> 2µm Plasmid with Mutated Target Sequences," Mol. Cell. Biol. 6:2482-2489, American Society for Microbiology (1986).				
EXAMINER 					DATE CONSIDERED 1/8/04		


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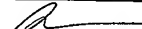
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	AM4	WO 94/09127	04/28/1994	WIPO			Yes No
	AN4	WO 94/17176	08/04/1994	WIPO			Yes No
	AO4	WO 94/18333	08/18/1994	WIPO			Yes No
	AP4	WO 95/00555	01/05/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)


	AR	4	Andrews, B.J., et al., "The FLP Recombinase of the 2 μ Circle DNA of Yeast: Interaction with Its Target Sequences," Cell 40:795-803, The MIT Press (1985).
	AS	4	Angelastro, J.M., et al., "Identification of diverse nerve growth factor-regulated genes by serial analysis of gene expression (SAGE) profiling," Proc. Natl. Acad. Sci. USA 97:10424-10429, National Academy of Sciences (September 2000).
	AT	4	Angrand, P.O., et al., "Inducible expression based on regulated recombination: a single vector strategy for stable expression in cultured cells," Nucl. Acids Res. 26:3263-3269, Oxford University Press (1998).


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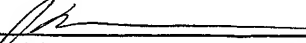
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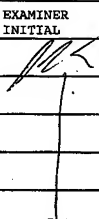
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	AL5	WO 96/04393	02/15/1996	WIPO			Yes No
	AM5	WO 96/30498	10/03/1996	WIPO			Yes No
	AN5	WO 96/40724	12/19/1996	WIPO			Yes No
	AO5	WO 97/06265	02/20/1997	WIPO			Yes No
	AP5	WO 97/09436	03/13/1997	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>5</u>	Anton, M., and Graham, F.L., "Site-Specific Recombination Mediated by an Adenovirus Vector Expressing the Cre Recombinase Protein: a Molecular Switch for Control of Gene Expression," <i>J. Virol.</i> 69:4600-4606, American Society for Microbiology (1995).				
	AS	<u>5</u>	Araki, H., et al., "Site-specific Recombinase, R, Encoded by Yeast Plasmid pSR1," <i>J. Mol. Biol.</i> 225:25-37, Academic Press (1992).				
	AT	<u>5</u>	Argos, P., et al., "The integrase family of site-specific recombinases: regional similarities and global diversity," <i>EMBO J.</i> 5:433-440, IRL Press (1986).				


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	AL6	WO 97/25446	07/17/1997	WIPO			Yes No
	AM6	WO 97/32481	09/12/1997	WIPO			Yes No
	AN6	WO 98/10086	03/12/1998	WIPO			Yes No
	AO6	WO 98/53056	11/26/1998	WIPO			X Yes No
	AP6	WO 99/10488	03/04/1999	WIPO			Yes No

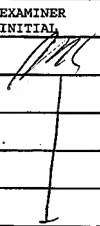
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	AR	6	Astumian, J.H., et al., "Site-Specific Recombination between Cloned attP and attB Sites from the <i>Haemophilus influenzae</i> Bacteriophage HP1 Propagated in Recombination-Deficient <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 171:1747-1750, American Society for Microbiology (1989).
	AS	6	Attlung, T., et al., "A versatile method for integration of genes and gene fusions into the λ attachment site of <i>Escherichia coli</i> ," <i>Gene</i> 107:11-17, Elsevier Science B.V. (1991).
	AT	6	Ausubel, F.M., et al., "Maps of Plasmids," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F.M., et al., eds., John Wiley & Sons, Boston, MA, pp. 1.5.3-1.5.4 (1994).

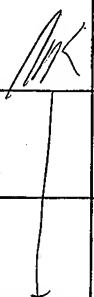
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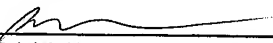
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	AM7	WO 99/25851	05/27/1999	WIPO			X Yes No
	AN7	WO 99/55851	11/04/1999	WIPO			Yes No
	AO7	WO 00/12687	03/09/2000	WIPO			Yes No
	AP7	EP 1 035 208	09/13/2000	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Ausubel, F.M., et al., "Mutagenesis by the Polymerase Chain Reaction," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F.M., et al., eds., John Wiley & Sons, Boston, MA, pp. 8.5.1-8.5.9 (1991).
	AS	2	Ayres, E.K., et al., "Precise Deletions in Large Bacterial Genomes by Vector-mediated Excision (VEX). The trfA Gene of Promiscuous Plasmid RK2 is Essential for Replication in Several Gram-negative Hosts," <i>J. Mol. Biol.</i> 230:174-185, Academic Press (1993).
	AT	2	Babineau, D., et al., "The FLP Protein of the 2-micron Plasmid of Yeast. Purification of the Protein from <i>Escherichia coli</i> Cells Expressing the Cloned FLP Gene," <i>J. Biol. Chem.</i> 260:12313-12319, The American Society of Biological Chemists (1985).

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	AM8	WO 01/05961	01/25/2001	WIPO			Yes No
	AN8	WO 01/07572	02/01/2001	WIPO			Yes No
	AO8	WO 01/11058	02/15/2001	WIPO			Yes No
	AP8	WO 01/62892	08/30/2001	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	§	Backman, K., et al., "Use of Synchronous Site-Specific Recombination In Vivo to Regulate Gene Expression," <i>Bio/Technology</i> 2:1045-1049, Nature Publishing Company (1984).
	AS	§	Bai, C., et al., "SKP1 Connects Cell Cycle Regulators to the Ubiquitin Proteolysis Machinery through a Novel Motif, the F-Box," <i>Cell</i> 86:263-274, Cell Press (1996).
	AT	§	Balakrishnan, R., et al., "A gene cassette for adapting <i>Escherichia coli</i> strains as hosts for att-Int-mediated rearrangement and p_{λ} expression vectors," <i>Gene</i> 138:101-104, Elsevier Science B.V. (1994).

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	AR	<u>10</u>	Bernard, P., "Positive Selection of Recombinant DNA by CcdB," <i>Biotechniques</i> 21:320-323, Eaton Publishing Company (1996).
	AS	<u>10</u>	Bernard, P., and Couturier, M., "Cell Killing by the F plasmid CcdB Protein Involves Poisoning of DNA-Topoisomerase II Complexes," <i>J. Mol. Biol.</i> 226:735-745, Academic Press (1992).
	AT	<u>10</u>	Bethke, B., and Sauer, B., "Segmental genomic replacement by Cre-mediated recombination: genotoxic stress activation of the p53 promoter in single-copy transformants," <i>Nucl. Acids Res.</i> 25:2828-2834, Oxford University Press (1997).

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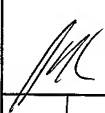
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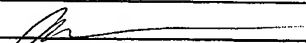
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	11	Betz, U.A.K., et al., "Bypass of lethality with mosaic mice generated by Cre-loxP-mediated recombination," Curr. Biol. 6:1307-1316, Current Biology Ltd. (1996).
	AS	11	Bhandari, P., and Gowrishankar, J., "An <i>Escherichia coli</i> Host Strain Useful for Efficient Overproduction of Cloned Gene Products with NaCl as the Inducer," J. Bacteriol 179:4403-4406, American Society for Microbiology (1997).
	AT	11	Black, L.W., "In vitro packaging into phage T4 particles and specific recircularization of phage lambda DNAs," Gene 46:97-101, Elsevier Science B.V. (1986).

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	AR	13	Bouhassira, E.E., et al., "Transcriptional Behavior of LCR Enhancer Elements Integrated at the Same Chromosomal Locus by Recombinase-Mediated Cassette Exchange," Blood 90:3332-3344, The American Society of Hematology (1997).
	AS	13	Boyd, A.C., "Turbo cloning: a fast, efficient method for cloning PCR products and other blunt-ended DNA fragments into plasmids," Nucl. Acids Res. 21:817-821, Oxford University Press (1993).
	AT	13	Broach, J.R., et al., "Recombination within the Yeast Plasmid 2μ Circle is Site-Specific," Cell 29:227-234, The MIT Press (1982).

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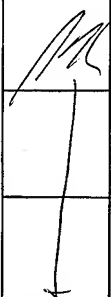
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	14	Brunelli, J.P., and Pall, M.L., "A Series of Yeast/ <i>Escherichia coli</i> λ Expression Vectors Designed for Directional Cloning of cDNAs and <i>cre/lox</i> -Mediated Plasmid Excision," <i>Yeast</i> 9:1309-1318, John Wiley & Sons (1993).
	AS	14	Brunelli, J.P., and Pall, M.L., "Lambda/Plasmid Vector Construction by <i>In Vivo cre/lox</i> -Mediated Recombination," <i>BioTechniques</i> 16:1061-1064, Eaton Publishing Company (1994).
	AT	14	Bubeck, P., et al., "Rapid cloning by homologous recombination <i>in vivo</i> ," <i>Nucl. Acids Res.</i> 21:3601-3602, Oxford University Press (1993).


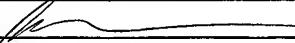
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	15	Buchholz, F., et al., "A simple assay to determine the functionality of Cre or FLP recombination targets in genomic manipulation constructs," Nucl. Acids Res. 24:3118-3119, Oxford University Press (1996).
	AS	15	Buchholz, F., et al., "Different thermostabilities of FLP and Cre recombinases: implications for applied site-specific recombination," Nucl. Acids Res. 24:4256-4262, Oxford University Press (1996).
	AT	15	Burioni, R., et al., "An improved phage display vector for antibody repertoire cloning by construction of combinatorial libraries," Res. Virol. 148:161-164, Elsevier (1997).
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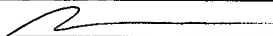
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	16	Bushman, W., et al., "Control of Directionality in Lambda Site Specific Recombination," <i>Science</i> 230:906-911, American Association for the Advancement of Science (1985).
	AS	16	Campbell, A.M., "Chromosomal Insertion Sites for Phages and Plasmids," <i>J. Bacteriol.</i> 174:7495-7499, American Society for Microbiology (1992).
	AT	16	Capone, J.P., et al., "Introduction of UAG, UAA, and UGA Nonsense Mutations at a Specific Site in the <i>Escherichia coli</i> Chloramphenicol Acetyltransferase Gene: Use in Measurement of Amber, Ochre, and Opal Suppression in Mammalian Cells," <i>Mol. Cell. Biol.</i> 6:3059-3067, American Society for Microbiology (1986).


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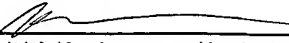
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	AR	17	Chanock, R.M., et al., "Human Monoclonal Antibody Fab Fragments Cloned from Combinatorial Libraries: Potential Usefulness in Prevention and/or Treatment of Major Human Viral Diseases," <i>Infect. Agents Dis.</i> 2:118-131, Raven Press (1993).
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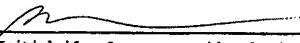
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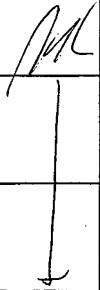
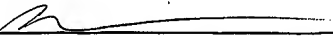
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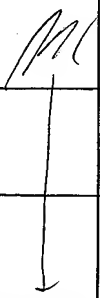
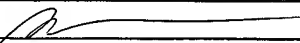
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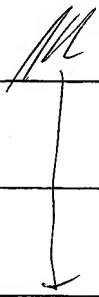
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	AR	20	CLONTECH, "Creator" pDNR-Dual Cloning Kit," CLONTECHniques 16:3 pages, CLONTECH (October 2001).
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	AR	21	CLONTECH, "New Additions to the Creator" Platform," CLONTECHniques 16:1-4, CLONTECH (January 2001).
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AR	<u>22</u>	Craig, N.L., and Nash, H.A., "The Mechanism of Phage λ Site-Specific Recombination: Site-Specific Breakage of DNA by Int Topoisomerase," <i>Cell</i> 35:795-803, The MIT press (1983).
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AT	<u>22</u>	Dale, E.C., and Ow, D.W., "Gene transfer with subsequent removal of the selection gene from the host genome," <i>Proc. Natl. Acad. Sci. USA</i> 88:10558-10562, National Academy of Sciences (1991).

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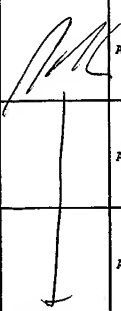
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	AR	23	Dale, E.C., and Ow, D.W., "Intra- and intermolecular site-specific recombination in plant cells mediated by bacteriophage P1 recombinase," Gene 91:79-85, Elsevier Science B.V. (1990).
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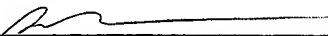
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	AR	25	Degryse, E., "In vivo intermolecular recombination in <i>Escherichia coli</i> : application to plasmid constructions," <i>Gene</i> 170:45-50, Elsevier Science B.V. (1996).
	AS	25	Deng, M.-D., and Coleman, J.R., "Ethanol Synthesis by Genetic Engineering in Cyanobacteria," <i>Appl. Environ. Microbiol.</i> 65:523-528, American Society for Microbiology (February 1999).
	AT	25	Derbyshire, V., and Belfort, M., "Lightning strikes twice: Intron-intein coincidence," <i>Proc. Natl. Acad. Sci. USA</i> 95:1356-1357, National Academy of Sciences (1998).


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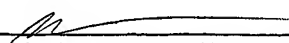
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	AR	26	Devine, S.E., and Boeke, J.D., "Efficient integration of artificial transposons into plasmid targets <i>in vitro</i> : a useful tool for DNA mapping, sequencing and genetic analysis," <i>Nucl. Acids Res.</i> 22:3765-3772, Oxford University Press (1994).
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	AT	26	Dijkema, R., et al., "Cloning and expression of the chromosomal immune interferon gene of the rat." <i>EMBO J.</i> 4:761-767, IRL Press Limited (1985).

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AR	<u>27</u>	Dymecki, S.M., "A modular set of Flp, FRT and lacZ fusion vectors for manipulating genes by site-specific recombination," <i>Gene</i> 171:197-201, Elsevier Science B.V. (1996).
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AT	<u>27</u>	Esposito, D., and Scocca, J.J., "The integrase family of tyrosine recombinases: evolution of a conserved active site domain," <i>Nucl. Acids Res.</i> 25:3605-3614, Oxford University Press (1997).

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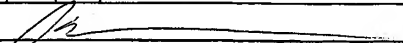
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	AR	28	Feil, R., et al., "Regulation of Cre Recombinase Activity by Mutated Estrogen Receptor Ligand-Binding Domains," <i>Biochem. Biophys. Res. Comm.</i> 237:752-757, Academic Press (1997).
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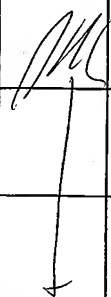
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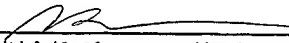
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	AR	29	Filutowicz, M., et al., "Purification of the <i>Escherichia coli</i> integration host factor (IHF) in one chromatographic step," <i>Gene</i> 147:149-150, Elsevier Science B.V. (1994).
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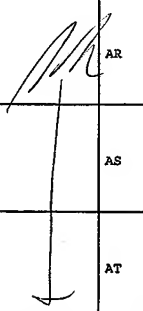

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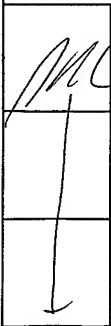
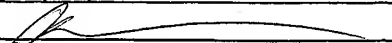
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	AR	30	Francia, M.V., and Lobo, J.M.G., "Gene Integration in the <i>Escherichia coli</i> Chromosome Mediated by Tn21 Integrase (Int21)," <i>J. Bacteriol.</i> 178:894-898, American Society for Microbiology (1996).
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			DATE CONSIDERED 1/8/04
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5430002/RNE/BJD/JKM	APPLICATION NO. 10/005,876
	APPLICANT Chesnut et al.	
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U.S. PATENT DOCUMENTS							
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	31	Gage, P.J., et al., "A Cell-Free Recombination System for Site-Specific Integration of Multigenic Shuttle Plasmids into Herpes Simplex Type 1 Genome," <i>J. Virol.</i> 66:5509-5515, American Society for Microbiology (1992).
	AS	31	Gateway™ Cloning Technology, Version 1, GIBCO BRL, Life Technologies Instruction Manual, [retrievable from <http://www.lifetech.com/gateway>], pp. 1-60 (November 1999).
	AT	31	Gay, P., et al., "Cloning Structural Gene <i>sacB</i> , Which Codes for Exoenzyme Levansucrase of <i>Bacillus subtilis</i> : Expression of the Gene in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 153:1424-1431, American Society for Microbiology (1983).
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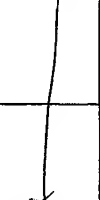
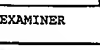
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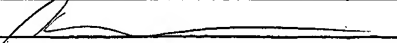
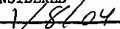
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	32	Gay, P., et al., "Positive Selection Procedure for Entrapment of Insertion Sequence Elements in Gram-Negative Bacteria," J. Bacteriol. 164:918-921, American Society for Microbiology (1985).
	AS	32	Geoffroy, F., et al., "A new phage display system to construct multicombinatorial libraries of very large antibody repertoires," Gene 151:109-113, Elsevier Science B.V. (1994).
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	33	Golic, K.G., and Lindquist, S., "The FLP Recombinase of Yeast Catalyzes Site-Specific Recombination in the Drosophila Genome," Cell 59:499-509, Cell Press (1989).
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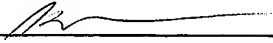
FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5430002/RWE/BJD/JKM	APPLICATION NO. 10/005,876
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	34	Green, R., and Moller, H.F., "Ribosomes and Translation," Annu. Rev. Biochem. 66:679-716, Annual Reviews Inc. (1997).
	AS	34	Grindley, N.D.F., and Kelley, W.S., "Effects of Different Alleles of the E. coli K12 polA Gene on the Replication of Non-transferring Plasmids," Molec. Gen. Genet. 143:311-318, Springer Verlag (1976).
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5430002/RWE/BJD/JRM	APPLICATION NO. 10/005,875
	APPLICANT Chesnut et al.	
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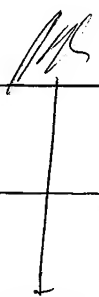
	AR	35	Gu, H., et al., "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting," <i>Science</i> 265:103-106, American Association for the Advancement of Science (1994).
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	36	Hall, R.M., and Collis, C.M., "Mobile gene cassettes and integrons: capture and spread of genes by site-specific recombination," <i>Molec. Microbiol.</i> 15:593-600, Blackwell Science Ltd. (1995).
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	37	Hasan, N., and Szybalski, W., "Control of cloned gene expression by promoter inversion in vivo: construction of improved vectors with a multiple cloning site and the <i>p_{lac}</i> promoter," <i>Gene</i> 56:145-151, Elsevier Science B.V. (1987).
	AS	37	Hasan, N., et al., "Escherichia coli genome targeting, I. Cre-lox-mediated in vitro generation of ori ⁺ plasmids and their in vivo chromosomal integration and retrieval," <i>Gene</i> 150:51-56, Elsevier Science B.V. (1994).
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	APPLICANT Chesnut et al.	
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>38</u>	Hehl, R., et al., "Structural analysis of Tam3, a transposable element from <i>Antirrhinum majus</i> , reveals homologies to the Ac element from maize," <i>Plant Molec. Biol.</i> 16:369-371, Kluwer Academic Publishers (1991).
	AS	<u>38</u>	Henikoff, S., "Unidirectional digestion with exonuclease III creates targeted breakpoints for DNA sequencing," <i>Gene</i> 28:351-359, Elsevier Science (1984).
	AT	<u>38</u>	Hochuli, E., et al., "Genetic Approach to Facilitate Purification of Recombinant Proteins with a Novel Metal Chelate Adsorbent," <i>Bio/Technology</i> 6:1321-1325, Nature Publishing Company (1988).

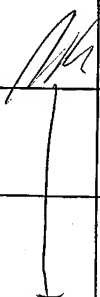
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)




	AR	39	Hoekstra, M.F., et al., "Shuttle Mutagenesis: Bacterial Transposons for Genetic Manipulations in Yeast," <i>Meth. Enzymol.</i> 194:329-342, Academic Press (1991).
	AS	39	Hoess, R.H., and Abremski, K., "Interaction of the bacteriophage P1 recombinase Cre with the recombining site loxP," <i>Proc. Natl. Acad. Sci. USA</i> 81:1026-1029, National Academy of Sciences (1984).
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	AR	40	Hoess, R.H., et al., "The role of the loxP spacer region in P1 site-specific recombination," Nucl. Acids Res. 14:2287-2300, IRL Press Limited (1986).				
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	AT	40	Hoess, R.H., and Abrenski, K., "Mechanism of Strand Cleavage and Exchange in the Cre-lox Site-specific Recombination System," J. Mol. Biol. 181:351-362, Academic Press (1985).				

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	AR	<u>41</u>	Hoess, R.H., et al., "Pl site-specific recombination: Nucleotide sequence of the recombining sites," <i>Proc. Natl. Acad. Sci. USA</i> 79:3398-3402, National Academy of Sciences (1982).
	AS	<u>41</u>	Holt, C.L., and May, G.S., "A novel phage λ replacement Cre-lox vector that has automatic subcloning capabilities," <i>Gene</i> 133:95-97, Elsevier Science B.V. (1993).
	AT	<u>41</u>	Hoogenboom, H.R., et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains," <i>Nucl. Acids Res.</i> 19:4133-4137, Oxford University Press (1991).

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	AR	42	Iida, S., et al., "A site-specific, conservative recombination system carried by bacteriophage P1. Mapping of the recombinase gene <i>cin</i> and the crossover sites <i>cix</i> for the inversion of the C segment." <i>EMBO J.</i> 1:1445-1453, IRL Press, Limited (1982).
	AS	42	Jaffé, A., et al., "Effects of the <i>ccd</i> Function of the F Plasmid on Bacterial Growth," <i>J. Bacteriol.</i> 163:841-849, American Society for Microbiology (1985).
	AT	42	Jayaram, M., "The <i>Int</i> family of site-specific recombinases: Some thoughts on a general reaction mechanism," <i>J. Genet.</i> 67:29-36, Indian Academy of Sciences (1988).


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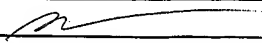
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	43	Jeong, J.-H., et al., "Cloning and nucleotide sequencing of the genes, rplU and rpmA, for ribosomal proteins L21 and L27 of Escherichia coli," DNA Seq. 4:59-67, Harwood Academic Publishers (1993).
	AS	43	Kanaar, R., et al., "Gin-Mediated Recombination of Catenated and Knotted DNA Substrates: Implications for the Mechanism of Interaction Between Cis-Acting Sites," Cell 58:147-159, Cell Press (1989).
	AT	43	Kaniga, K., et al., "A wide-host-range suicide vector for improving reverse genetics in Gram-negative bacteria: inactivation of the blaA gene of Yersinia enterocolitica," Gene 109:137-141, Elsevier Science B.V. (1991).

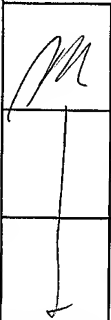
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	44	Katz, L., et al., "Site-specific recombination in <i>Escherichia coli</i> between the att sites of plasmid pSE211 from <i>Saccharopolyspora erythraea</i> ," <i>Mol. Gen. Genet.</i> 227: 155-159, Springer-Verlag (1991).
	AS	44	Kealey, J.T., et al., "Production of polyketide natural product in nonpolyketide-producing prokaryotic and eukaryotic hosts," <i>Proc. Natl. Acad. Sci. USA</i> 95:505-509, National Academy of Sciences (1998).
	AT	44	Kholodenko, B.N., et al., "Metabolic Design: How to Engineer a Living Cell to Desired Metabolite Concentrations and Fluxes," <i>Biotechnol. Bioengineer.</i> 59:239-247, John Wiley & Sons (1998).


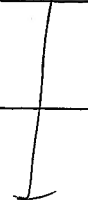
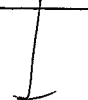
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	45	Kilby, N.J., et al., "Site-specific recombinases: tools for genome engineering," <i>Trends Genet.</i> 9:413-421, Elsevier Science (1993).
	AS	45	Kim, D.W., "Use of the human elongation factor 1 α promoter as a versatile and efficient expression system," <i>Gene</i> 91:217-223, Elsevier Science B.V. (1990).
	AT	45	Kim, S., and Landy, A., "Lambda Int Protein Bridges Between Higher Order Complexes at Two Distant Chromosomal Loci attL and attR," <i>Science</i> 256:198-203, American Association for the Advancement of Science (1992).


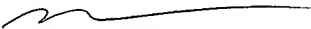
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>46</u>	Kitts, P.A., and Nash, H.A., "Bacteriophage Lambda Site-specific Recombination Proceeds with a Defined Order of Strand Exchanges," <i>J. Mol. Biol.</i> 204:95-107, Academic Press (1988).
	AS	<u>46</u>	Kolb, A.F., and Siddell, S.G., "Genomic targeting with an MBP-Cre fusion protein," <i>Gene</i> 183:53-60, Elsevier Science B.V. (1996).
	AT	<u>46</u>	Kouprina, N., et al., "Rescue of Targeted Regions of Mammalian Chromosomes by in Vivo Recombination in Yeast," <i>Genome Res.</i> 8:666-672, Cold Spring Harbor Laboratory Press (1998).
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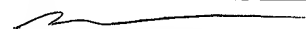
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	47	Kozak, M., "An analysis of 5'-noncoding sequences from 699 vertebrate messenger RNAs," <i>Nucl. Acids Res.</i> 15:8125-8148, IRL Press (1987).
	AS	47	Kozak, M., "Comparison of Initiation of Protein Synthesis in Procaryotes, Eucaryotes, and Organelles," <i>Microbiol. Rev.</i> 47:1-45, American Society for Microbiology (1983).
	AT	47	Kozak, M., "Structural Features in Eukaryotic mRNAs that Modulate the Initiation of Translation," <i>J. Biol. Chem.</i> 266:19867-19870, The American Society for Biochemistry and Molecular Biology (1991).

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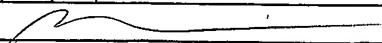
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	AR	48	Krafte, D.S., et al., "Stable Expression and Functional Characterization of a Human Cardiac Na ⁺ Channel Gene in Mammalian Cells," <i>J. Mol. Cell. Cardiol.</i> 27:823-830, Academic Press (1995).
	AS	48	Krautwald, S., and Baccarini, M., "Bacterially Expressed Murine CSF-1 Possesses Agonistic Activity in its Monomeric Form," <i>Biochem. Biophys. Res. Commun.</i> 192: 720-727, Academic Press (1993).
	AT	48	Kühn, R., et al., "Inducible Gene Targeting in Mice," <i>Science</i> 269:1427-1429, American Association for the Advancement of Science (1995).

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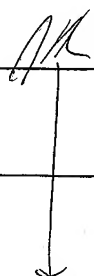
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	49	Lafontaine, D., and Tollervey, D., "One-step PCR mediated strategy for the construction of conditionally expressed and epitope tagged yeast proteins," <i>Nucl. Acids Res.</i> 24:3469-3472, Oxford University Press (1996).
	AS	49	Lake, J.A., "Evolving Ribosome Structure: Domains in Archaeobacteria, Eubacteria, Eocytes and Eukaryotes," <i>Ann. Rev. Biochem.</i> 54:507-530, Annual Reviews Inc. (1985).
	AT	49	Lakso, M., et al., "Targeted oncogene activation by site-specific recombination in transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> 89:6232-6236, National Academy of Sciences (1992).

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	50	Lander, E.S., "The New Genomics: Global Views of Biology," <i>Science</i> 274:536-539, American Association for the Advancement of Science (1996).
	AS	50	Landy, A., "Dynamic, Structural, and Regulatory Aspects of λ Site-Specific Recombination," <i>Annu. Rev. Biochem.</i> 58:913-949, Annual Reviews Inc. (1989).
	AT	50	Landy, A., "Mechanistic and structural complexity in the site-specific recombination pathways of Int and FLP," <i>Curr. Opin. Genet. Develop.</i> 3:699-707, Current Biology Ltd. (1993).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	51	Lebreton, B., et al., "Mutations That Improve the Binding of Yeast FLP Recombinase to Its Substrate," <i>Genetics</i> 118:393-400, The Genetics Society for America (1988).
	AS	51	Lee, E.C., et al., "Genetic Analysis of <i>Escherichia coli</i> Integration Host Factor Interactions with Its Bacteriophage λ H' Recognition Site," <i>J. Bacteriol.</i> 173:609-617, American Society for Microbiology (1991).
	AT	51	Lee, G., and Saito, I., "Role of nucleotide sequences of loxP spacer region in Cre-mediated recombination," <i>Gene</i> 216:55-65, Elsevier Science B.V. (1998).


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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	52	Leong, J.M., et al., "Generation of single base-pair deletions, insertions, and substitutions by a site-specific recombination system," <i>Proc. Natl. Acad. Sci. USA</i> 82:6990-6994, National Academy of Sciences (1985).
	AS	52	Leslie, N.R., and Sherratt, D.J., "Site-specific recombination in the replication terminus region of <i>Escherichia coli</i> : functional replacement of <i>dif</i> ," <i>EMBO J.</i> 14:1561-1570, Oxford University Press (1995).
	AT	52	Leung, L.L.K., "Application of Combinatorial Libraries and Protein Engineering to the Discovery of Novel Anti-Thrombotic Drugs," <i>Thromb. Haemost.</i> 74:373-376, F.K. Schattauer Verlagsgesellschaft mbH (1995).

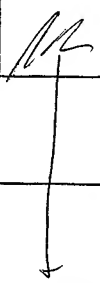
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	AR	53	Li, Z.-W., et al., "Generation of mice with a 200-kb amyloid precursor protein gene deletion by Cre recombinase-mediated site-specific recombination in embryonic stem cells," <i>Proc. Natl. Acad. Sci. USA</i> 93:6158-6162, National Academy of Sciences (1996).
	AS	53	Liu, Q., et al., "The univector plasmid-fusion system, a method for rapid construction of recombinant DNA without restriction enzymes," <i>Curr. Biol.</i> 8:1300-1309, Current Biology Ltd. (1998).
	AT	53	Lorbach, E., et al., "Site-specific Recombination in Human Cells Catalyzed by Phage A Integrase Mutants," <i>J. Mol. Biol.</i> 296:1175-1181, Academic Press (March 2000).

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	AR	54	Lu, F., and Churchward, G., "Conjugative transposition: Tn916 integrase contains two independent DNA binding domains that recognize different DNA sequences," <i>EMBO J.</i> 13:1541-1548, Oxford University Press (1994).				
	AS	54	Luckow, V.A., et al., "Efficient Generation of Infectious Recombinant Baculoviruses by Site-Specific Transposon-Mediated Insertion of Foreign Genes into a Baculovirus Genome Propagated in <i>Escherichia coli</i> ," <i>J. Virol.</i> 67:4566-4579, American Society for Microbiology (1993).				
	AT	54	Mackie, G.A., "Nucleotide Sequence of the Gene for Ribosomal Protein S20 and Its Flanking Regions," <i>J. Biol. Chem.</i> 256:8177-8182, The American Society of Biological Chemists (1981).				
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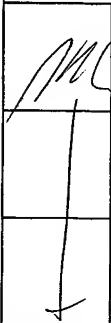
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	AR	55	Madison, L.L., and Huisman, G.W., "Metabolic Engineering of Poly(3-Hydroxyalkanoates): From DNA to Plastic," <i>Microbiol. Mol. Biol. Rev.</i> 63:21-53, American Society for Microbiology (March 1999).
	AS	55	Maemura, K., et al., "Generation of a Dominant-negative Mutant of Endothelial PAS Domain Protein 1 by Deletion of a Potent C-terminal Transactivation Domain," <i>J. Biol. Chem.</i> 274:31565-31570, The American Society for Biochemistry and Molecular Biology (October 1999).
	AT	55	Maeser, S., and Kahmann, R., "The Gln recombinase of phage Mu can catalyze site-specific recombination in plant protoplasts," <i>Mol. Gen. Genet.</i> 230:170-176, Springer-Verlag (1991).

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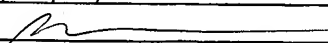
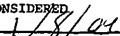
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	56	Mahillon, J., et al., "IS231 and other <i>Bacillus thuringiensis</i> transposable elements: a review," <i>Genetica</i> 93:13-26, Kluwer Academic Publishers (1994).
	AS	56	Mahillon, J., et al., "Subdivision of the <i>Escherichia coli</i> K-12 genome for sequencing: manipulation and DNA sequence of transposable elements introducing unique restriction sites," <i>Gene</i> 223:47-54, Elsevier Science B.V. (1998).
	AT	56	Malynn, B.A., et al., "The scid Defect Affects the Final Step of the Immunoglobulin VDJ Recombinase Mechanism," <i>Cell</i> 54:453-460, Cell Press (1988).

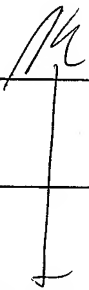
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5430002/RWE/BJD/JKM	APPLICATION NO. 10/005,876
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	57	Maniatis, T., et al., "Regulation of Inducible and Tissue-Specific Gene Expression," <i>Science</i> 236:1237-1245, American Association for the Advancement of Science (1987).
	AS	57	Matsuzaki, H., et al., "Chromosome Engineering in <i>Saccharomyces cerevisiae</i> by Using a Site-Specific Recombination System of a Yeast Plasmid," <i>J. Bacteriol.</i> 172:610-618, American Society for Microbiology (1990).
	AT	57	McCarthy, J.E.G., and Brimacombe, R., "Prokaryotic translation: the interactive pathway leading to initiation," <i>Trends Genet.</i> 10:402-407, Elsevier Science (1994).

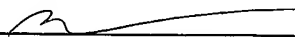
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	58	Medberry, S.L., et al., "Intra-chromosomal rearrangements generated by Cre-lox site-specific recombination," <i>Nucl. Acids Res.</i> 23:485-490, Oxford University Press (1995).				
	AS	58	Mendiola, M.V., and de la Cruz, F., "Specificity of insertion of IS91, an insertion sequence present in α -haemolysin plasmids of <i>Escherichia coli</i> ," <i>Mol. Microbiol.</i> 3:979-984, Blackwell Scientific Publications (1989).				
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	59	Metcalf, W.W., et al., "Conditionally Replicative and Conjugative Plasmids Carrying lacZa for Cloning, Mutagenesis, and Allele Replacement in Bacteria," Plasmid 35:1-13, Academic Press (1996).
	AS	59	Mette, M.F., et al., "Transcriptional silencing and promoter methylation triggered by double-stranded RNA," EMBO J. 19:5194-5201, Oxford University Press (October 2000).
	AT	59	Meyer-Leon, L., et al., "Purification of the FLP site-specific recombinase by affinity chromatography and re-examination of basic properties of the system," Nucl. Acids Res. 15:6469-6488, IRL Press (1987).


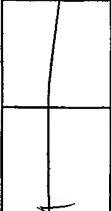
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	50	Miki, T., et al., "Control of Segregation of Chromosomal DNA by Sex Factor F in Escherichia coli. Mutants of DNA Gyrase Subunit A Suppress <i>lecD</i> (<i>ccdB</i>) Product Growth Inhibition," <i>J. Mol. Biol.</i> 225:39-52, Academic Press (1992).
	AS	50	Mizushima, S., and Nagata, S., "pEF-BOS, a powerful mammalian expression vector," <i>Nucl. Acids Res.</i> 18:5322, Oxford University Press (1990).
	AT	50	Mizuuchi, K., and Mizuuchi, M., "Integrative Recombination of Bacteriophage λ : In Vitro Study of the Intermolecular Reaction," <i>Cold Spring Harb. Symp. Quant. Biol.</i> 43:1111-1114, Cold Spring Harbor Laboratory (1979).

EXAMINER	DATE CONSIDERED 1/28/04
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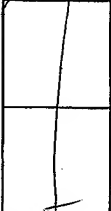

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	61	Mizuuchi, M., and Mizuuchi, K., "The extent of DNA sequence required for a functional bacterial attachment site of phage lambda," Nucl. Acids Res. 13:1193-1208, IRL Press (1985).
	AS	61	Mozo, T., and Hooykaas, P.J.J., "Design of a novel system for the construction of vectors for Agrobacterium-mediated plant transformation," Mol. Gen. Genet. 236:1-7, Springer-Verlag (1992).
	AT	61	Mullins, L.J., et al., "Efficient Cre-lox linearisation of BACs: applications to physical mapping and generation of transgenic animals," Nucl. Acids Res. 25:2539-2540, Oxford University Press (1997).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	62	Nagaraja, R., and Weisberg, R.A., "Specificity Determinants in the Attachment Sites of Bacteriophages HK022 and λ ," J. Bacteriol. 172:6540-6550, American Society for Microbiology (1990).
	AS	62	Nagy, A., "Cre Recombinase: The Universal Reagent for Genome Tailoring," Genesis 26:99-109, Wiley-Liss (February 2000).
	AT	62	Nash, H.A., "Purification and Properties of the Bacteriophage Lambda Int Protein," Meth. Enzymol. 100:210-216, Academic Press (1983).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	63	Nash, H.A., et al., "Role of homology in site-specific recombination of bacteriophage λ : Evidence against joining of cohesive ends," <i>Proc. Natl. Acad. Sci. USA</i> 84:4049-4053, National Academy of Sciences (1987).
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	AT	63	Nash, H.A., "Bending and supercoiling of DNA at the attachment site of bacteriophage λ ," <i>Trends Biochem. Sci.</i> 15:222-227, The International Union of Biochemistry and Elsevier Trends Journals (1990).

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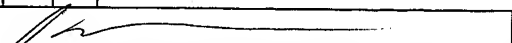
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	AR	64	Nash, H.A., "Integrative Recombination of Bacteriophage Lambda DNA In Vitro," <i>Proc. Natl. Acad. Sci. USA</i> 72:1072-1076, National Academy of Sciences (1975).
	AS	54	Nash, H.A., and Robertson, C.A., "Purification and Properties of the <i>Escherichia coli</i> Protein Factor Required for λ Integrative Recombination," <i>J. Biol. Chem.</i> 256:9246-9253, The American Society of Biological Chemists (1981).
	AT	54	Nomura, M., et al., "Regulation of the Synthesis of Ribosomes and Ribosomal Components," <i>Ann. Rev. Biochem.</i> 53:75-117, Annual Reviews Inc. (1984).

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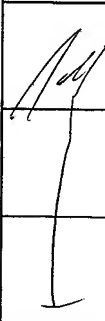
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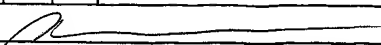
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	AR	65	Numrych, T.E., et al., "A comparison of the effects of single-base and triple-base changes in the integrase arm-type binding sites on the site-specific recombination of bacteriophage lambda," Nucl. Acids Res. 18:3953-3959, Oxford University Press (1990).
	AS	65	Numrych, T.E., et al., "Characterization of the bacteriophage lambda excisionase (Xis) protein: the C-terminus is required for Xis-integrase cooperativity but not for DNA binding," EMBO J. 11:3797-3806, Oxford University Press (1992).
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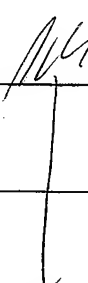
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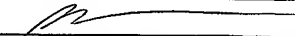
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	AR	66	Nunes-Duby, S.E., et al., "Half-att Site Substrates Reveal the Homology Independence and Minimal Protein Requirements for Productive Synapsis in λ Excisive Recombination," Cell 59:197-206, Cell Press (1989).
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	AT	66	Oberto, J., et al., "A segment of the phage HK022 chromosome is a mosaic of other lambdoid chromosomes," Nucl. Acids Res. 22:354-356, Oxford University Press (1994).

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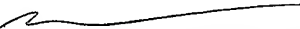
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	AR	67	Odell, J.T., et al., "Seed-Specific Gene Activation Mediated by the Cre/lox Site-Specific Recombination System," <i>Plant Physiol.</i> 106:447-458, American Society of Plant Physiologists (1994).
	AS	67	Oliner, J.D., et al., "In vivo cloning of PCR products in <i>E. coli</i> ," <i>Nucl. Acids Res.</i> 21:5192-5197, Oxford University Press (1993).
	AT	67	Orban, P.C., et al., "Tissue- and site-specific DNA recombination in transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> 89:6861-6865, National Academy of Sciences (1992).

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	AR	68	Osborne, B.I., et al., "A system for insertional mutagenesis and chromosomal rearrangement using the Ds transposon and Cre-lox," Plant J. 7:687-701, Blackwell Scientific Publishers and BIOS Scientific Publishers in association with the Society for Experimental Biology (1995).
	AS	68	Padgett, K.A., and Sorge, J.A., "Creating seamless junctions independent of restriction sites in PCR cloning," Gene 168:31-35, Elsevier Science B.V. (1996).
	AT	68	Pal, S.K., et al., "Pl Plasmid Replication. Role of Initiator Titration in Copy Number Control," J. Mol. Biol. 192:275-285, Academic Press (1986).

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	AR	69	Palazzolo, M.J., et al., "Phage lambda cDNA cloning vectors for subtractive hybridization, fusion-protein synthesis and Cre-loxP automatic plasmid subcloning," <i>Gene</i> 88:25-36, Elsevier Science B.V. (1990).
	AS	69	Pan, G., et al., "Ligation of Synthetic Activated DNA Substrates by Site-specific Recombinases and Topoisomerase I," <i>J. Biol. Chem.</i> 268:3683-3689, The American Society for Biochemistry and Molecular Biology (1993).
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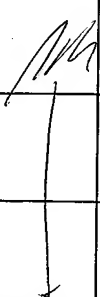
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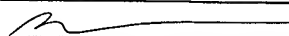
FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5430002/RWE/BJD/JRM	APPLICATION NO. 10/005,876
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	AO						Yes No
	AP						Yes No

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	AR	70	Parks, R.J., and Graham, F.L., "A Helper-Dependent System for Adenovirus Vector Production Helps Define a Lower Limit for Efficient DNA Packaging," J. Virol. 71:3293-3298, American Society for Microbiology (1997).
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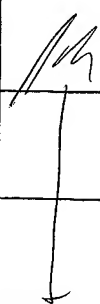
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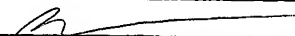
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	AR	71	Peredelchuk, M.Y., and Bennett, G.N., "A method for construction of <i>E. coli</i> strains with multiple DNA insertions in the chromosome," <i>Gene</i> 187:231-238, Elsevier Science B.V. (1997).
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	AR	22	Phillips-Jones, M.K., et al., "Context Effects on Misreading and Suppression at UAG Codons in Human Cells," Mol. Cell. Biol. 15:6593-6600, American Society for Microbiology (1995).				
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	AR	73	Podhajski, A.J., et al., "Control of cloned gene expression by promoter inversion in vivo: construction of the heat-pulse-activated att-nutl-p-att-N module," <i>Gene</i> 40:163-168, Elsevier Science (1985).
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	AR	74	Prasad, P.V., et al., "Substrate Recognition by the 2 μ m Circle Site-Specific Recombinase: Effect of Mutations within the Symmetry Elements of the Minimal Substrate," Mol. Cell. Biol. 6:4329-4334, American Society for Microbiology (1986).				
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	AR	75	Qin, M., et al., "Site-specific cleavage of chromosomes in vitro through Cre-lox recombination," Nucl. Acids Res. 23:1923-1927, Oxford University Press (1995).				
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	AR	76	Reed, R.R., "Transposon-Mediated Site-Specific Recombination: A Defined in Vitro System," Cell 25:713-719, The MIT Press (1981).
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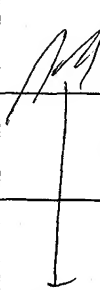
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	AR	27	Ross, W., and Landy, A., "Patterns of λ Int Recognition in the Regions of Strand Exchange," Cell 33:261-272, The MIT Press (1983).
	AS	27	Sadowski, P., "Site-Specific Recombinases: Changing Partners and Doing the Twist," J. Bacteriol. 165:341-347, American Society for Microbiology (1986).
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	AR	78	Sandhu, J.S., "Protein Engineering of Antibodies," Crit. Rev. Biotechnol. 12:437-462, CRC Press (1992).				
	AS	78	Sato, T., et al., "The <i>cisA</i> Cistron of <i>Bacillus subtilis</i> Sporulation Gene <i>spoIVC</i> Encodes a Protein Homologous to a Site-Specific Recombinase," J. Bacteriol. 172:1092-1098, American Society for Microbiology (1990).				
	AT	78	Sauer, B., and Henderson, N., "Cre-stimulated recombination at loxP-containing DNA sequences placed into the mammalian genome," Nucl. Acids Res. 17:147-161, IRL Press (1989).				
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	79	Sauer, B., and Henderson, N., "The cyclization of linear DNA in <i>Escherichia coli</i> by site-specific recombination," <i>Gene</i> 70:331-341, Elsevier Science B.V. (1988).				
	AS	79	Sauer, B., "Functional Expression of the <i>cre-lox</i> Site-Specific Recombination System in the Yeast <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 7:2087-2096, American Society for Microbiology (1987).				
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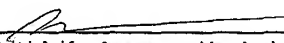
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	AR	80	Sauer, B., "Manipulation of Transgenes by Site-Specific Recombination: Use of Cre Recombinase," <i>Meth. Enzymol.</i> 225:890-900, Academic Press (1993).
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	AR	81	Sauer, B., et al., "Site-specific insertion of DNA into a pseudorabies virus vector," <i>Proc. Natl. Acad. Sci. USA</i> 84:9108-9112, National Academy of Sciences (1987).
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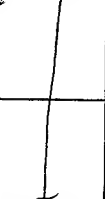

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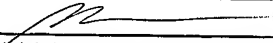
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	AR	82	Schindelbauer, D., and Cooke, H.J., "Efficient combination of large DNA in vitro: in gel site specific recombination (IGSSR) of PAC fragments containing α satellite DNA and the human HPRT gene locus," Nucl. Acids Res. 25:2241-2243, Oxford University Press (1997).
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	AT	82	Schnepf, E., et al., "Bacillus thuringiensis and Its Pesticidal Crystal Proteins," Microbiol. Mol. Biol. Rev. 62:775-806, American Society for Microbiology (1998).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	83	Segall, A.M., and Nash, H.A., "Synaptic intermediates in bacteriophage lambda site-specific recombination: integrase can align pairs of attachment sites," <i>EMBO J.</i> 12:4567-4576, Oxford University Press (1993).				
	AS	83	Segall, A.M., et al., "Architectural elements in nucleoprotein complexes: interchangeability of specific and non-specific DNA binding proteins," <i>EMBO J.</i> 13:4536-4548, Oxford University Press (1994).				
	AT	83	Segall, A.M., and Nash, H.A., "Architectural flexibility in lambda site-specific recombination: three alternate conformations channel the attL site into three distinct pathways," <i>Genes to Cells</i> 1:453-463, Blackwell Science Ltd. (1996).				
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FORM PTO-1449

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	AO						Yes No
	AP						Yes No

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	AR	84	Senecoff, J.F., et al., "DNA Recognition by the FLP Recombinase of the Yeast 2 μ Plasmid. A Mutational Analysis of the FLP Binding Site," J. Mol. Biol. 201:405-421, Academic Press (1988).
	AS	84	Sheffield, P., et al., "Overcoming Expression and Purification Problems of RhoGDI Using a Family of "Parallel" Expression Vectors," Protein Expr. Purific. 15:34-39, Academic Press (February 1999).
	AT	84	Shim, J., et al., "Distinct and Redundant Functions of μ 1 Medium Chains of the AP-1 Clathrin-Associated Protein Complex in the Nematode <i>Caenorhabditis elegans</i> ," Mol. Biol. Cell 11:2743-2756, The American Society for Cell Biology (August 2000).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	85	Shuman, S., "Recombination mediated by vaccinia virus DNA topoisomerase I in Escherichia coli is sequence specific," Proc. Natl. Acad. Sci. USA 88:10104-10108, National Academy of Sciences (1991).				
	AS	85	Simpson, J.C., et al., "Systematic subcellular localization of novel proteins identified by large-scale cDNA sequencing," EMBO Rep. 11:287-292, European Molecular Biology Organization (September 2000).				
	AT	85	Sizmore, C., et al., "Quantitative analysis of Tn10 Tet repressor binding to a complete set of tet operator mutants," Nucl. Acids Res. 18:2875-2880, Oxford University Press (1990).				

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	86	Skraly, F.A., et al., "Construction and Characterization of a 1,3-Propanediol Operon." Appl. Environ. Microbiol. 64:98-105, American Society for Microbiology (1998).					
AS	86	Smith, A.J.H., et al., "A site-directed chromosomal translocation induced in embryonic stem cells by Cre-loxP recombination," Nat. Gen. 9:376-385, Nature Publishing Company (1995).					
AT	86	Snaith, M.R., et al., "Multiple cloning sites carrying loxP and FRT recognition sites for the Cre and Flp site-specific recombinases," Gene 166:173-174, Elsevier Science B.V. (1995).					

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	AR	87	Spengler, S.J., et al., "The Stereostructure of Knots and Catenanes Produced by Phage λ Integrative Recombination: Implications for Mechanism and DNA Structure," Cell 42:325-334, The MIT Press (1985).				
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	AT	87	Stark, W.M., et al., "Site-Specific Recombination by Tn3 Resolvase: Topological Changes in the Forward and Reverse Reactions," Cell 58:779-790, Cell Press (1989).				
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	AR	88	Stassi, D.L., et al., "Ethyl-substituted erythromycin derivatives produced by directed metabolic engineering," <i>Proc. Natl. Acad. Sci. USA</i> 95:7305-7309, National Academy of Sciences (1998).
	AS	88	Stellwagen, A.E., and Craig, N.L., "Mobile DNA elements: controlling transposition with ATP-dependent molecular switches," <i>Trends Biochem. Sci.</i> 23:486-490, Elsevier Science (1998).
	AT	88	Stenzel, T.T., et al., "The Integration Host Factor of <i>Escherichia coli</i> Binds to Bent DNA at the Origin of Replication of the Plasmid pSC101," <i>Cell</i> 49:709-717, Cell Press (1987).

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	AR	82	Sternberg, N., "Bacteriophage P1 cloning system for the isolation, amplification, and recovery of DNA fragments as large as 100 kilobase pairs," <i>Proc. Natl. Acad. Sci. USA</i> 87:103-107, National Academy of Sciences (1990).
	AS	82	Sternberg, N., et al., "Bacteriophage P1 cre Gene and its Regulatory Region. Evidence for Multiple Promoters and for Regulation by DNA Methylation," <i>J. Mol. Biol.</i> 187:197-212, Academic Press (1986).
	AT	82	Sternberg, N., et al., "Site-specific Recombination and Its Role in the Life Cycle of Bacteriophage P1," <i>Cold Spring Harbor Symp. Quant. Biol.</i> 45:297-309, Cold Spring Harbor Laboratory (1981).

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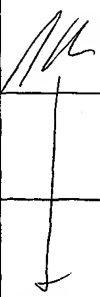
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	20	Storck, T., et al., "Rapid construction in yeast of complex targeting vectors for gene manipulation in the mouse," Nucl. Acids Res. 24:4594-4596, Oxford University Press (1996).
	AS	20	Strathmann, M., et al., "Transposon-facilitated DNA sequencing," Proc. Natl. Acad. Sci. USA 88:1247-1250, National Academy of Sciences (1991).
	AT	20	Sugiura, S., et al., "Minimal Essential Origin of Plasmid pSC101 Replication: Requirement of a Region Downstream of Iterons," J. Bacteriol. 175:5993-6001, American Society for Microbiology (1993).

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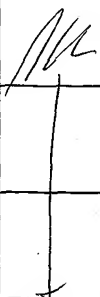
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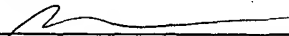
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.5430002/RWE/BJD/JKM	APPLICATION NO. 10/005,876
	APPLICANT Chesnut et al.	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	21	Thompson, J.F., et al., "Mutations in an Integration Host Factor-Binding Site: Effect on Lambda Site-Specific Recombination and Regulatory Implications," J. Bacteriol. 168:1343-1351, American Society for Microbiology (1986).
	AS	21	Thompson, J.F., et al., "Helical-repeat dependence of integrative recombination of bacteriophage λ : Role of the P1 and H1 protein binding sites," Proc. Natl. Acad. Sci. USA 85:6323-6327, National Academy of Sciences (1988).
	AT	21	Thorpe, H.M., and Smith, M.C.M., "In vitro site-specific integration of bacteriophage DNA catalyzed by a recombinase of the resolvase/invertase family," Proc. Natl. Acad. Sci. USA 95:5505-5510, National Academy of Sciences (1998).

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	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	22	Tsurushita, N., et al., "Phage display vectors for in vivo recombination of immunoglobulin heavy and light chain genes to make large combinatorial libraries," Gene 172:59-63, Elsevier Science B.V. (1996).
	AS	22	Uetsuki, T., et al., "Isolation and Characterization of the Human Chromosomal Gene for Polypeptide Chain Elongation Factor-1α," J. Biol. Chem. 264:5791-5798, The American Society for Biochemistry and Molecular Biology (1989).
	AT	22	van den Berg, A., et al., "Serial analysis of gene expression: rapid RT-PCR analysis of unknown SAGE tags," Nucl. Acids Res. 27(e17):i-iii, Oxford University Press (September 1999).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	93	Vanin, E.F., et al., "Development of High-Titer Retroviral Producer Cell Lines by Using Cre-Mediated Recombination," J. Virol. 71:7820-7826, American Society for Microbiology (1997).				
	AS	93	Venkatesh, T.V., and Radding, C.M., "Ribosomal Protein S1 and Nucleic Acid Protein Complexed to Recombination Protein β of Phage λ ," J. Bacteriol. 175:1844-1846, American Society of Microbiology (1993).				
	AT	93	Voss, S.D., et al., "The role of enhancers in the regulation of cell-type-specific transcriptional control," Trends Biochem. Sci. 11:287-289, Elsevier Science (1986).				

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AR	95	Waterhouse, P., et al., "Combinatorial infection and in vivo recombination: a strategy for making large phage antibody repertoires," Nucl. Acids Res. 21:2265-2266, IRL Press (1993).
AS	95	Weisberg, R.A., and Landy, A., "Site-specific Recombination in Phage Lambda," in Lambda II, Hendrix, R.W., et al., eds., Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, pp. 211-250 (1983).
AT	95	Wierzbicki, A., et al., "A Mutational Analysis of the Bacteriophage P1 Recombinase Cre," J. Mol. Biol. 195:785-794, Academic Press (1987).

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	AR	26	Wild, J., et al., "A broad-host-range in vivo pop-out and amplification system for generating large quantities of 50- to 100-kb genomic fragments for direct DNA sequencing," <i>Gene</i> 179:181-188, Elsevier Science B.V. (1996).
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	AT	26	Winoto, A., et al., "Directional Control of Site-specific Recombination by Bacteriophage λ . Evidence that a Binding Site for Int Protein Far from the Crossover Point is Required for Integrative but not Excisive Recombination" <i>J. Mol. Biol.</i> 192:677-680, Academic Press (1986).

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	AR	27	Wittman, H.G., "Architecture of Prokaryotic Ribosomes," Ann. Rev. Biochem. 52:35-65, Annual Reviews Inc. (1983).				
	AS	27	Wittman, H.G., "Components of Bacterial Ribosomes," Ann. Rev. Biochem. 51:155-183, Annual Reviews Inc. (1982).				
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116	AR	28	Yanisch-Perron, C., et al., "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors," <i>Gene</i> 33:103-119, Elsevier Science (1985).
1	AS	28	Yarovinsky, T.O., "Application of DNA Topoisomerase-Activated Adapters to Riboprobe Synthesis," <i>BioTechniques</i> 28:1160-1165, Eaton Publishing Co. (June 2000).
↓	AT	28	Yoon, H., et al., "SSL1, a suppressor of a HIS4 5'-UTR stem-loop mutation, is essential for translation initiation and affects UV resistance in yeast," <i>Gene Dev.</i> 6:2463-2477, Cold Spring Harbor Laboratory Press (1992).

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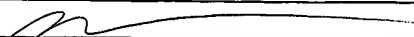
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0942.5430002/RWE/BJD/JKM	APPLICATION NO. 10/005,876
	APPLICANT Chesnut et al.	
	FILING DATE December 7, 2001	GROUP 1645

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	99	Yoon, Y.G., et al., "Cre/loxP-mediated in vivo excision of large segments from yeast genome and their amplification based on the 2 μ m plasmid-derived system," <i>Gene</i> 223:67-76, Elsevier Science B.V. (1998).				
	AS	99	York, D., et al., "Simple and efficient generation in vitro of nested deletions and inversions: Tn5 intramolecular transposition," <i>Nucl. Acids Res.</i> 26:1927-1933, Oxford University Press (1998).				
	AT	99	Zahra, D.G., et al., "Selectable in-vivo recombination to increase antibody library size-an improved phage display vector system," <i>Gene</i> 227:49-54, Elsevier Science B.V. (February 1999).				

EXAMINER	DATE CONSIDERED
	1/18/04

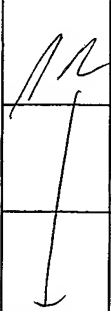
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>100</u>	Zhang, Y., et al., "A new logic for DNA engineering using recombination in <i>Escherichia coli</i> ," <i>Nat. Genet.</i> 20:123-128, Nature Publishing Company (1998).
	AS	<u>100</u>	Zhu, X.-D., et al., "Homology Requirements for Ligation and Strand Exchange by the FLP Recombinase," <i>J. Biol. Chem.</i> 270:11646-11653, The American Society for Biochemistry and Molecular Biology (1995).
	AT	<u>100</u>	Dialog File 351, Accession No. 1999-000502/199901, Derwent WPI English language abstract for WO 98/53056 (Document A06), Derwent Info. Ltd. (1998).

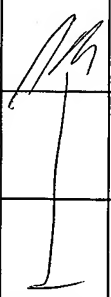
EXAMINER	DATE CONSIDERED 1/28/04
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

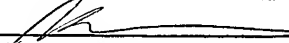
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>101</u>	Dialog File 351, Accession No. 1999-347485/199929, Derwent WPI English language abstract for WO 99/25851 (Document AM7), Derwent Info. Ltd. (May 1999).
	AS	<u>101</u>	Bauer, C.E. et al., "Extent of Sequence Homology Required for Bacteriophage Lambda Site-specific Recombination," J. Mol. Biol. 181:187-197, Academic Press Inc. (1985).
	AT	<u>101</u>	Cherepanov, P.P., and Wackernagel, W., "Gene disruption in Escherichia coli: Tc ^r and Km ^r cassettes with the option of Flp-catalyzed excision of the antibiotic-resistance determinant," Gene 158:9-14, Elsevier Science B.V. (1995).

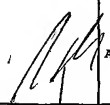

EXAMINER 	DATE CONSIDERED 1/8/04
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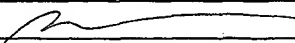
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	AN						Yes No
	AO						Yes No
	AP						Yes No

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	AR	102	Collis, C.M. and Hall, R.M., "Expression of Antibiotic Resistance Genes in the Integrated Cassettes of Integrins," <i>Antimicrobial Agents and Chemotherapy</i> 39:155-162 (1995).
	AS	102	Scott, S.D., and Marples, B., "Comment on the use of the cre/loxP recombinase system for gene therapy vectors," <i>Gene Therapy</i> 7:1706, Macmillan Publishers Ltd. (2000).
	AT		

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